

## **NIPER Hyderabad**

### **Mode of Examination For Selection For Various Posts**

(Ref: Employment Notification No. NIPER-HYD/01/2021-22)

The selection for all the posts notified from Level-4 to Level-7 will be done through written examination. These examinations will be comprised of two parts – Tier 1 and Tier 2. All the applicants will appear in Tier 1 examination. After declaring the results of Tier 1 examination, six top most candidates (in the ratio of 1: 6 i.e. six candidates for one post) will be picked up and they will be required to appear in Tier 2 written test related to the job profile of particular post. The final selection will be made on the basis of merit of Tier 2 examination. The detailed scheme of all the examinations for selection to different posts will be as follows:

Tier 1 – MCQs type – Maximum marks – 100

Tier 2 – Comprehensive type – Maximum marks – 100

For the posts from Level-8 to Level-9 only one written examination will be conducted and six top most candidates (in the ratio of 1: 6 i.e. six candidates for one post) will be called for the interview. The final selection will be made based on the performance in the interview.

#### **Syllabus for written Examination**

<b>Post Code</b>	<b>Name of the post</b>	<b>Tentative syllabus</b>
NT-001	Scientist/Technical Supervisor Grade-I	General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning  Modern techniques for imaging, SEM, TEM, Spectrometer/Multimode reader, Molecular Biology techniques for proteomics and genomics, Sequencing techniques, Flow cytometry, Electrophoresis, Immunological assays; analytical and bioanalytical method development, method validations, qualification and calibration of instruments, data interpretation etc., Application of biotechnology in pharmaceuticals, Macromolecules, Topics related to pathogens and toxicology.  General Pharmacology and toxicology, Basic concepts of Drug and drug products (formulation) development, herbal drug development, pharmacodynamics, pharmacokinetics, pharmaceutical regulatory affairs, Intellectual Property Rights, Quality control and assurance, research methodology, biostatics, stability studies, impurity analysis, GMP, GLP
NT-002	Scientist/Technical Supervisor Grade-II	General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning  Modern Analytical Techniques for identification, characterization and quantification of drugs/Chemicals/formulations comprising NMR, IR, LC-MS, GC-MS, ICP-MS, SFC, HPLC, GC, HPTLC, UV-

		visible, Spectrofluorimetry, Flame emission spectroscopy and Atomic absorption spectroscopy, Electrophoresis, X-ray Crystallography, method validation, qualification and calibration of instruments, troubleshooting and preventive maintenance of instruments, Reference standards, Laboratory accreditation, General laboratory safety, laboratory waste disposal, documentation, data interpretation etc.
NT-003	Administrative Officer	<p>General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning</p> <p>Procedure and Practice in the Govt. of India Secretariat and attached offices, General Financial and Service Rules duly taking into account the requirement of relevant categories of services. General Knowledge of Constitution of India and Machinery of Government, Practice and Procedures in Parliament, Knowledge of RTI Act 2005, Litigation Management, Manual of Office Procedure, Fundamental Rules Supplementary Rules (FRSR), GFR, CCS (CCA) Rules, Conduct Rules/CCS Pension Rules, Handbook of orders regarding use of Hindi for the official purpose of the Union issued by the Ministry of Home Affairs.</p>
NT-004	Technical Assistant (Computer Section)	<p>Tier 1: General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning</p> <p>Tier 2: Operating System (Windows, Linux &amp; Android), Microsoft Office (Word, Excel, PowerPoint and other), Data Management, Backup &amp; Recovery Reporting, Programming and Algorithms, Website creation, Modification, Security &amp; Versioning. Computer Hardware, Database and Networking (Network Devices, Network Management, Network Firewalls etc.)</p>
NT-005	Accountant	<p>Tier 1: General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning</p> <p>Tier 2: FRSR, GFR and other service-related rules &amp; regulations on Accounting and Finance, Commercial Accounts, Accounts of autonomous bodies.</p>
NT-006	Receptionist cum Telephone Operator	Tier 1: General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning

		Tier 2: Basics of Computer Science, Front Office Management, Secretarial Practice, Manual of Office Procedures.
NT-007	Storekeeper	Tier 1: General English, General Knowledge, Logical/Mathematical Aptitude and Reasoning  Tier 2: Basics of Computer Science, General Financial Rules 2017 (including amendments), Manual for Procurement 2017, E-procurement and CPP procedures.
NT-008	Junior Hindi Translator	Tier 1: Logical/Mathematical Aptitude and Reasoning & General Knowledge  Tier 2: History of Hindi Language. Popular literature on Hindi, Hindi Language on the world stage, Hindi for Official Purpose, Hindi Grammar, Hindi Administrative thesaurus, standard procedures for Hindi to English and vice-versa translation
NT-009	Assistant Grade-I	Tier 1: English Grammar, General Knowledge, Logical/Mathematical Aptitude and Reasoning  Tier 2: Basics of Computer Science, General Financial Rules 2017 (including amendments), FRSR, CCS (CCA) Rules, Conduct Rules, CCS Pension Rules, CS(MA) Rules, CCS (Implementation of National Pension System) Rules, NIPER Acts and Statutes.
NT-010	Assistant Grade-II	Tier 1: English Grammar, General Knowledge, Logical/Mathematical Aptitude and Reasoning  Tier 2: Basics of Computer Science, Noting, Drafting and Precis writing, General Office Procedures and Protocols, Basic knowledge of CCS rules.
NT-011	Junior Technical Assistant	Tier 1: Logical/Mathematical Aptitude & Reasoning and General Knowledge  Tier 2: Basics of Computer Science, General Science, General English, Knowledge of basic laboratory procedures.

Note: The question paper for Tier 1 examination will be of different level according to level of post.

**Sd/-**  
**Registrar,**  
**NIPER Hyderabad**